I. AMENDMENTS UNDER REVISED 37 C.F.R. § 1.121

A. Amendments to the Specification

Please replace paragraph [0015] with the following amended paragraph:

[0015] In still another aspect of the invention, a lamp includes a waveguide having a body including a solid dielectric material and a side determined by a waveguide outer surface from which depends a lamp chamber. The chamber aperture is circumscribed by a bulb ~~envelope~~ support structure sealed to the outer surface. The lamp further includes a microwave probe positioned within and in intimate contact with the body, adapted to couple microwave energy into the body from a microwave source having an output and an input and operating within a frequency range from about 0.5 to about 30 GHz at a preselected frequency and intensity. The probe is connected to the source output. The frequency and intensity and the body shape and dimensions are selected such that the body resonates in at least one resonant mode having at least one electric field maximum. The lamp further includes a self-enclosed bulb ~~envelope~~ substantially within the chamber and hermetically sealed to the bulb ~~envelope~~ support structure. The bulb ~~envelope~~ contains a gas-fill which when receiving microwave energy from the resonating body main portion forms a light-emitting plasma.

Please replace paragraph [0019] with the following amended paragraph:

[0019] **FIGs. 3A** and **3B** illustrate a sectional view of an alternative embodiment of a DWIPL wherein ~~the~~ a self-enclosed bulb ~~envelope~~ is thermally isolated from the dielectric waveguide.

Please replace paragraph [0044] with the following amended paragraph:

[0044] **FIGs. 3A** and **3B** illustrate a DWIPL **300** wherein a vacuum gap acts as a thermal barrier. As shown in **FIG. 3A**, DWIPL **300** includes a self-enclosed bulb ~~envelope~~ **313** disposed within a lamp chamber **315** which is separated from body **312** of a waveguide **311** by a vacuum gap **317** whose thickness is dependent upon microwave propagation characteristics and the material strengths of waveguide body **312** and bulb ~~envelope~~ **313**. The vacuum minimizes heat transfer between the bulb and waveguide.

Please replace paragraph [0045] with the following amended paragraph:

[0045] **FIG. 3B** illustrates a magnified view of bulb ~~envelope~~ **313**, chamber **315** and vacuum gap **317**. The boundaries of gap **317** are formed by the waveguide **311**, a bulb ~~envelope~~ support structure **319**, and bulb ~~envelope~~ **313**. Support structure **319** is sealed to the waveguide and extends over the edges of chamber **315**. The support structure includes a material having high thermal conductivity, such as alumina, to help dissipate heat from the bulb.

Please replace paragraph [0046] with the following amended paragraph:

[0046] Embedded in support structure **319** is an access seal **321** which maintains a vacuum within gap **317** when bulb ~~envelope~~ **313** is in place. Preferably, the bulb ~~envelope~~ **313** is supported by and hermetically sealed to support structure **319**. Once a vacuum is established in gap **317**, heat transfer between the bulb ~~envelope~~ and waveguide is substantially reduced.